 CARLO GAVAZZI CARLO GAVAZZI SPACE SpA	<h1>AMS02-TCS</h1>	DOC N°: AMSTCS-RP-CGS-016 ISSUE : 1 DATE: 02.10.2009 PAGE : 1 of 10
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INSPECTION REPORT

APPLICABLE DOC. REF. N.A.	PROC. REF. N.A.			
ITEM INSPECTED (Name, P/N, S/N) CG022-D-0140-00 RAM Upper CRYO LHP CG022-D-0040-00 RAM Lower CRYOLHP				
REQUIREMENT SATISFIED Manufacturing according to aerospace standards				
INSPECTION (Action/Results) <p>On 2009 October 1st and 2nd an incoming inspection has been performed in the grey area in front of the AMS clean-room at the CERN facilities in Geneve .</p> <p>The following items have been inspected:</p> <p>CG022-D-0140-00 RAM Upper CRYO LHP CG022-D-0040-00 RAM Lower CRYOLHP</p> <p>The Transport Container has been opened according to the instructions given in CG022-PR-0005 .</p> <p>The Hardware was closed inside a sealed plastic bag . (picture 1)</p> <p>A number of desiccant bags of about 30 has been found inside the container. The self indicating desiccants have been found all in blue-green colour . According to the data sheets this means that the desiccant bags have adsorbed a quantity of moisture greater than the 50% . During the repacking activity (at the end of the inspection) new desiccant bags have been placed inside the hardware plastic bag together with humidity indicators in order to understand if the hardware has experienced humidity values above the 50% during the transport or during the storage . Anyway the visual inspection has excluded possible damages to the structure due to moisture (such as surface treatment deterioration or corrosion) .</p> <p>The shock sensors were missing . NCR-09-0042 shall be prepared</p>				
Date 02.10.2009 <table style="width: 100%;"> <tr> <td style="width: 33%;">Operator</td> <td style="width: 33%;">Quality Assurance L. CRAMONESI <i>L. Cramonesi</i></td> <td style="width: 33%;">Configuration Control G. CINQUEPACCHI <i>G. Cinquepacci</i> 13.10.09</td> </tr> </table>		Operator	Quality Assurance L. CRAMONESI <i>L. Cramonesi</i>	Configuration Control G. CINQUEPACCHI <i>G. Cinquepacci</i> 13.10.09
Operator	Quality Assurance L. CRAMONESI <i>L. Cramonesi</i>	Configuration Control G. CINQUEPACCHI <i>G. Cinquepacci</i> 13.10.09		



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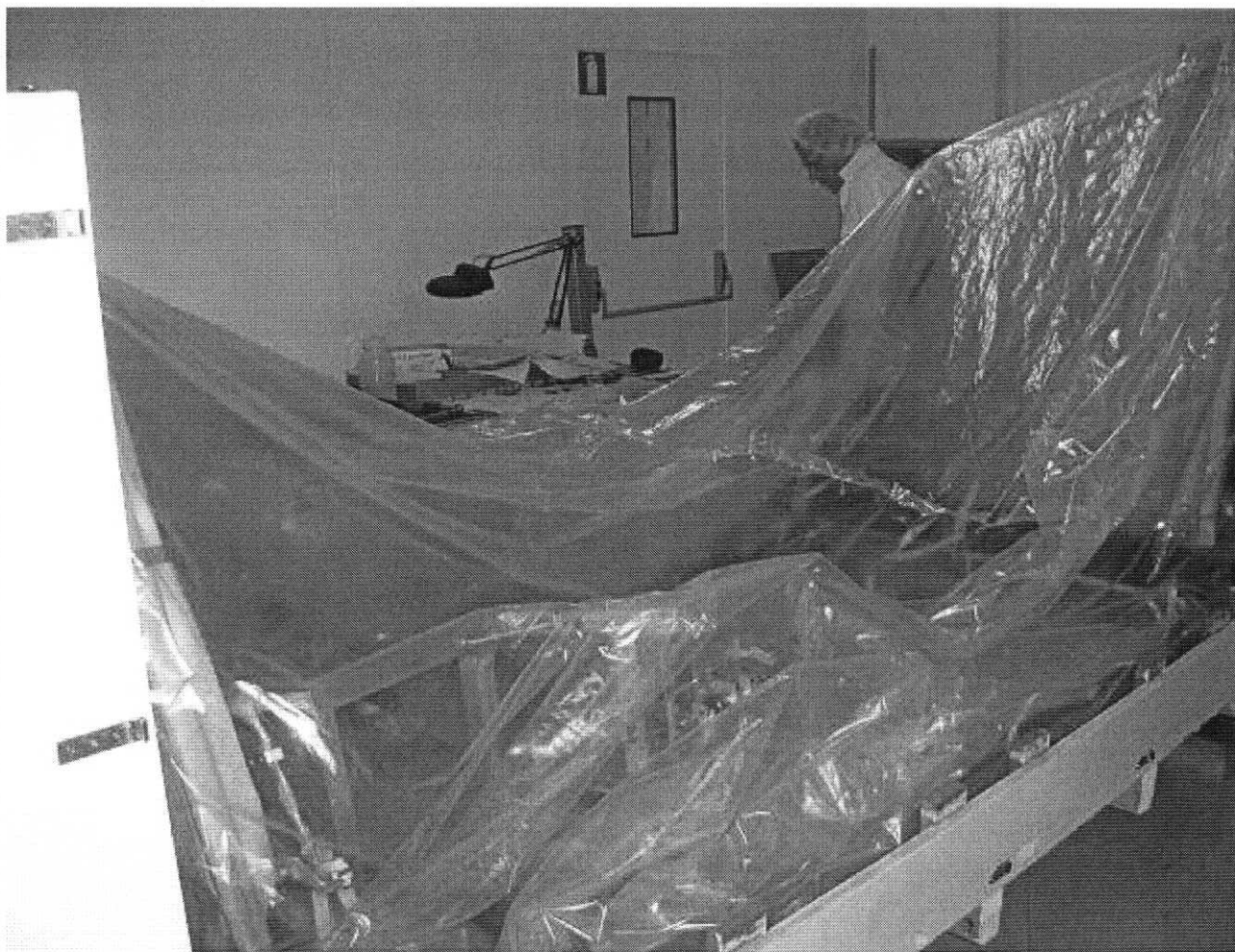
See page 1

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REQUIREMENT SATISFIED

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INSPECTION (Action/Results)




Picture 1

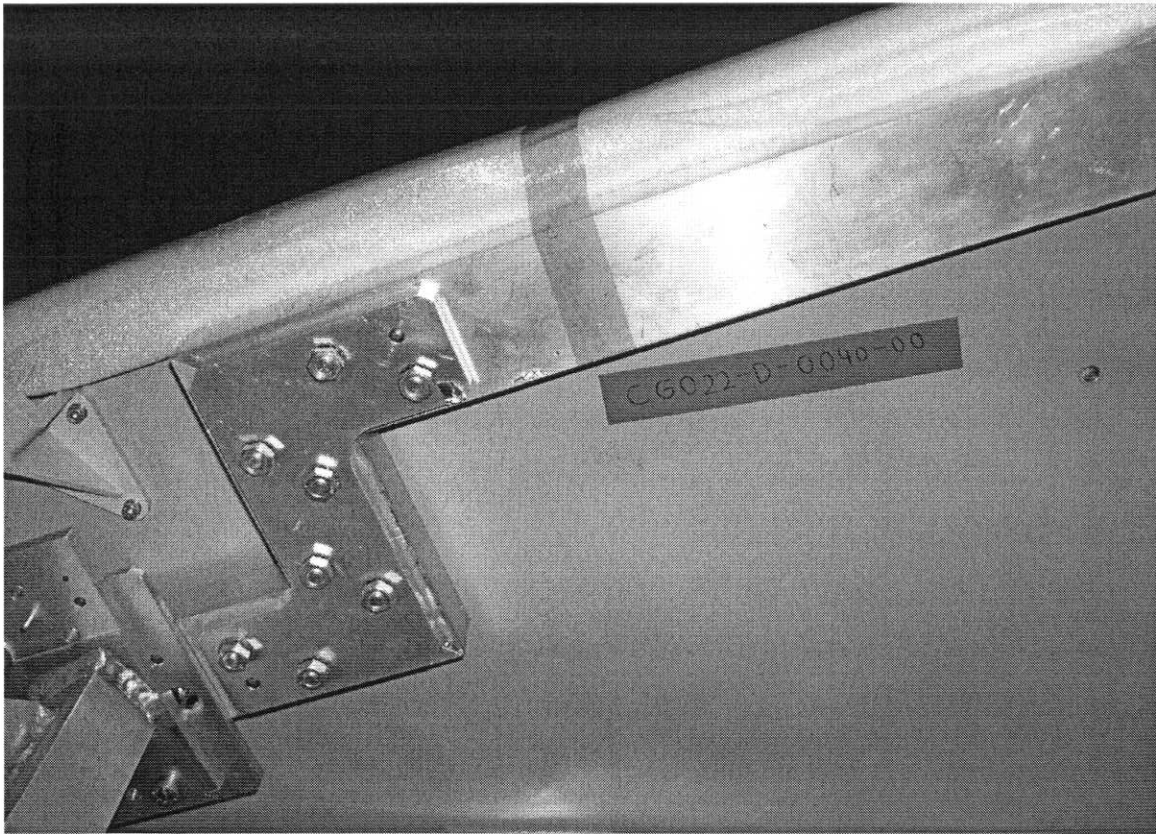
 <p>CARLO GAVAZZI</p> <p>CARLO GAVAZZI SPACE SpA</p>	<p><i>AMS02-TCS</i></p>	<p>DOC N°: AMSTCS-RP-CGS-016</p> <p>ISSUE : 1 DATE: 02.10.2009</p> <p>PAGE : 3 of 10</p>
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<p>INSPECTION (Action/Results)</p> 	
<p>Picture 2</p>	

 <p>CARLO GAVAZZI</p> <p>CARLO GAVAZZI SPACE SpA</p>	<p>AMS02-TCS</p>	<p>DOC N°: AMSTCS-RP-CGS-016</p> <p>ISSUE : 1 DATE: 02.10.2009</p> <p>PAGE : 4 of 10</p>
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<p>ITEM INSPECTED (Name, P/N, S/N) See page 1</p>	
<p>REQUIREMENT SATISFIED</p> <p>See page 1</p>	
<p>INSPECTION (Action/Results)</p> <p><i>The identification labels of the items were placed on the rear side of the radiators (pictures 3 and 4)</i></p> <div data-bbox="167 855 1329 1686">  </div> <p style="text-align: center;"><i>Picture 3</i></p>	



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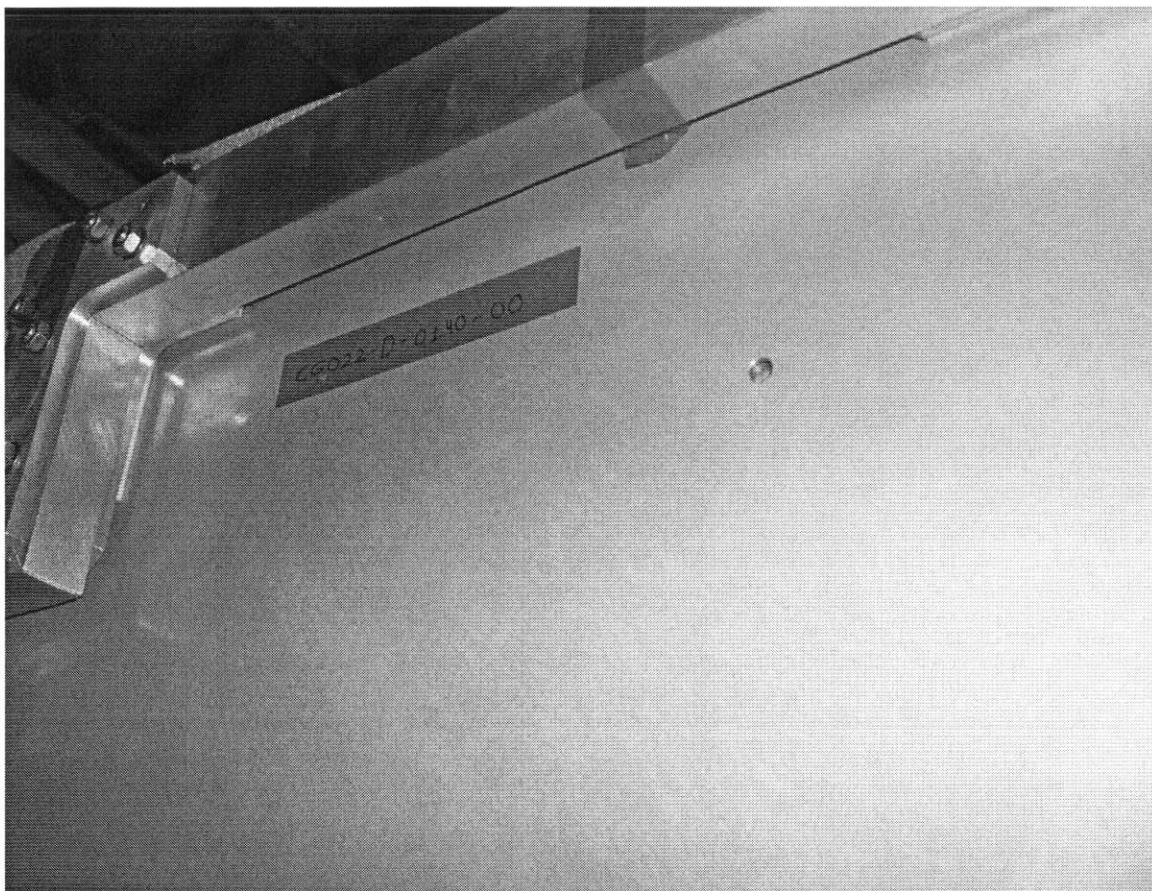
See page 1

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Picture 4



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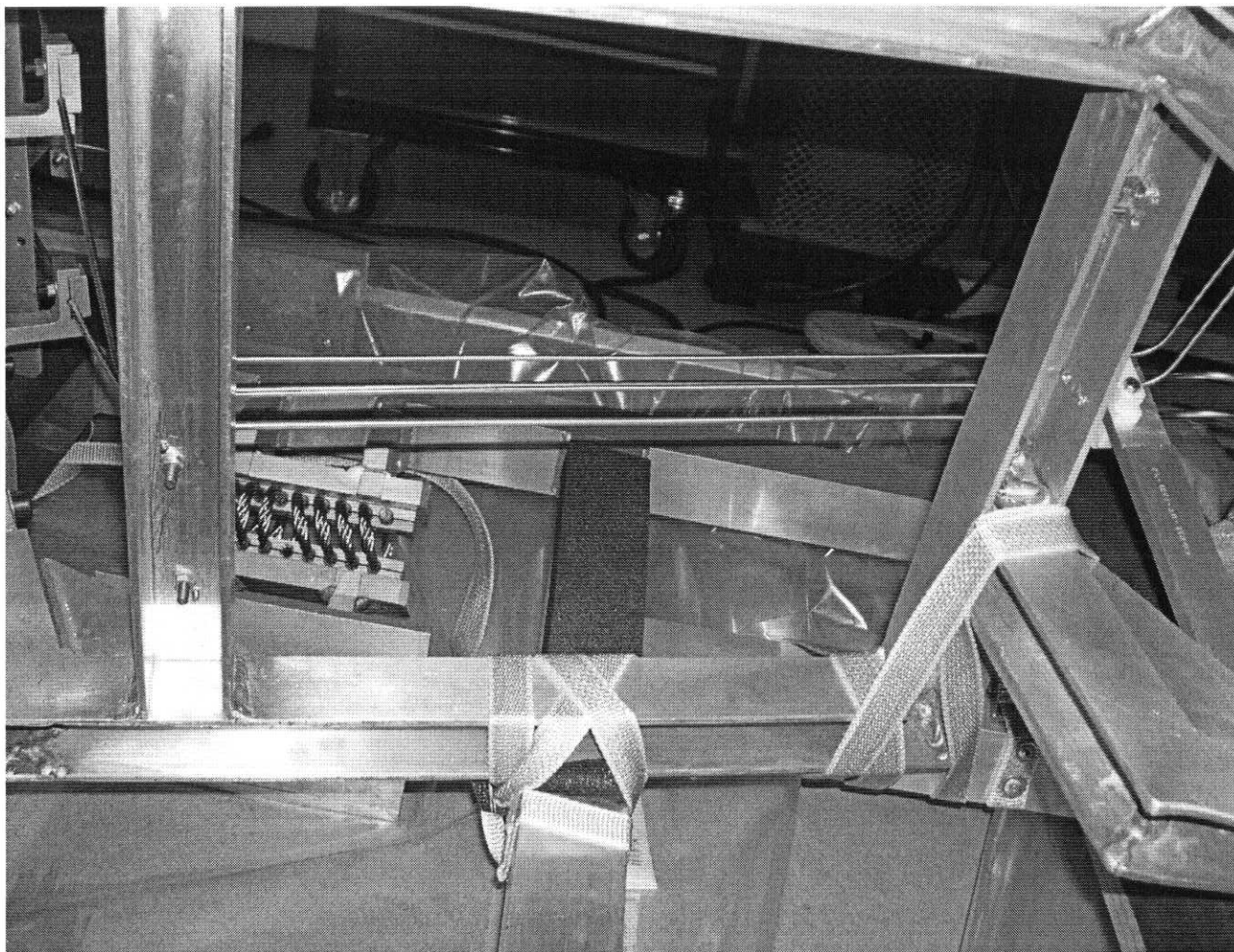
ITEM INSPECTED (Name, P/N, S/N) See page 1

REQUIREMENT SATISFIED

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INSPECTION (Action/Results)

The hardware has been found not properly clean and some parts (along the tubes) have been found with red ink traces





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INSPECTION (Action/Results)

No damages (such as scratches , deformation or bends) have been found.





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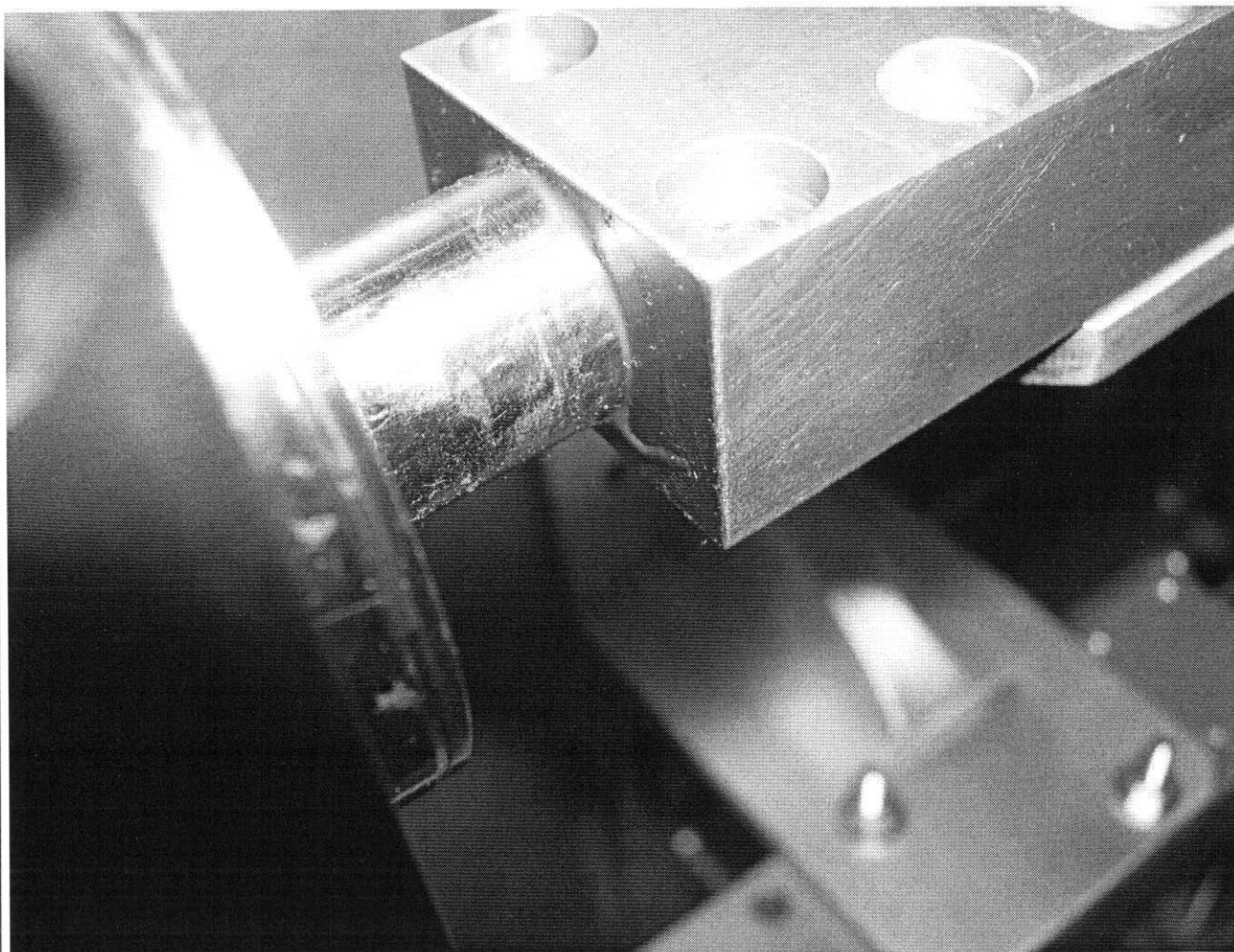
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INSPECTION (Action/Results)

The evaporator saddle have been found sealed





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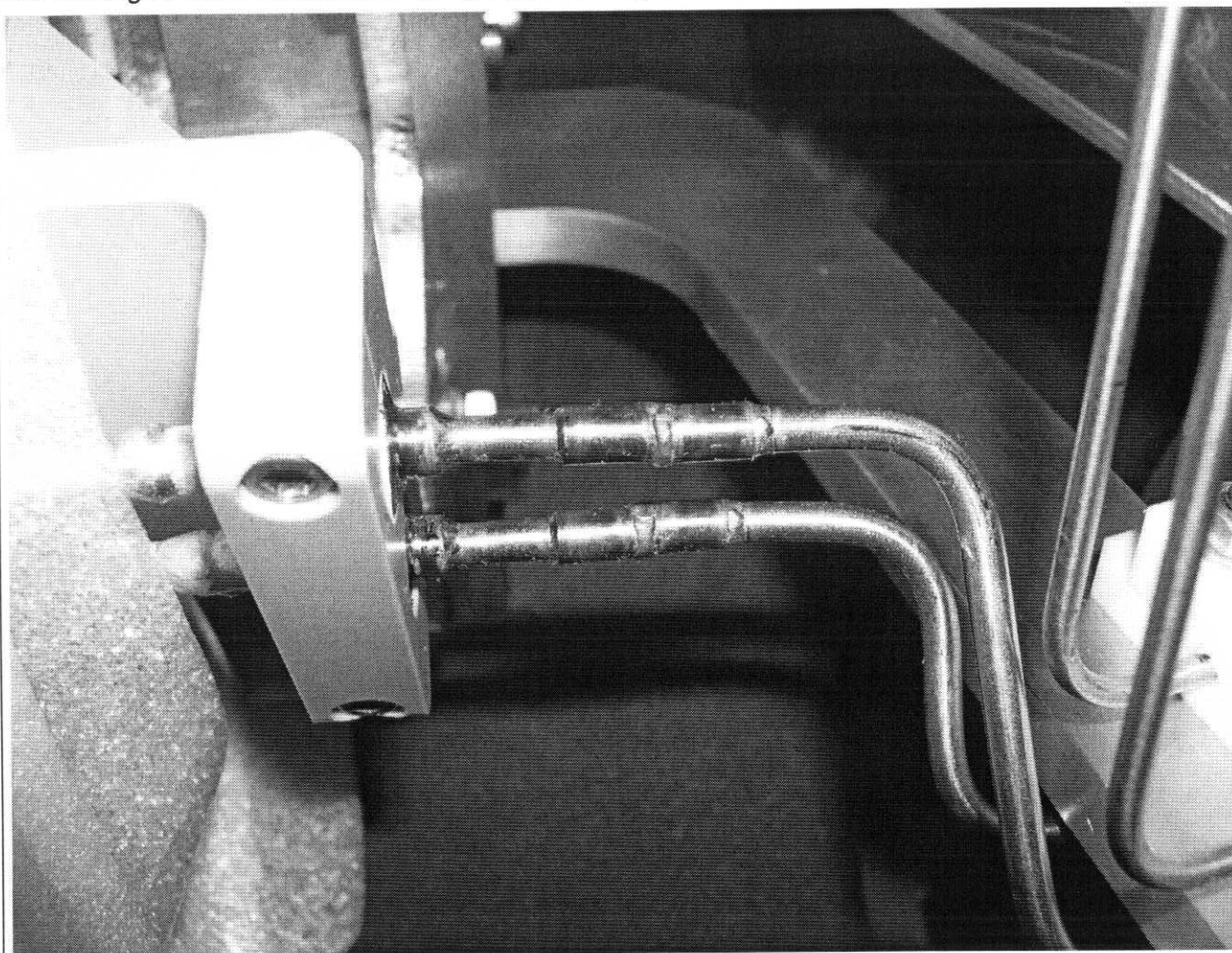
ITEM INSPECTED (Name, P/N, S/N) See page 1


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INSPECTION (Action/Results)

No damages have been found on the blmetallic joints .



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REQUIREMENT SATISFIED See page 1	
INSPECTION (Action/Results) <i>Conclusion :</i> <i>The visual inspection has been considered successfully performed .</i> <i>An additional cleaning with Isopropyl alcohol is required .</i>	